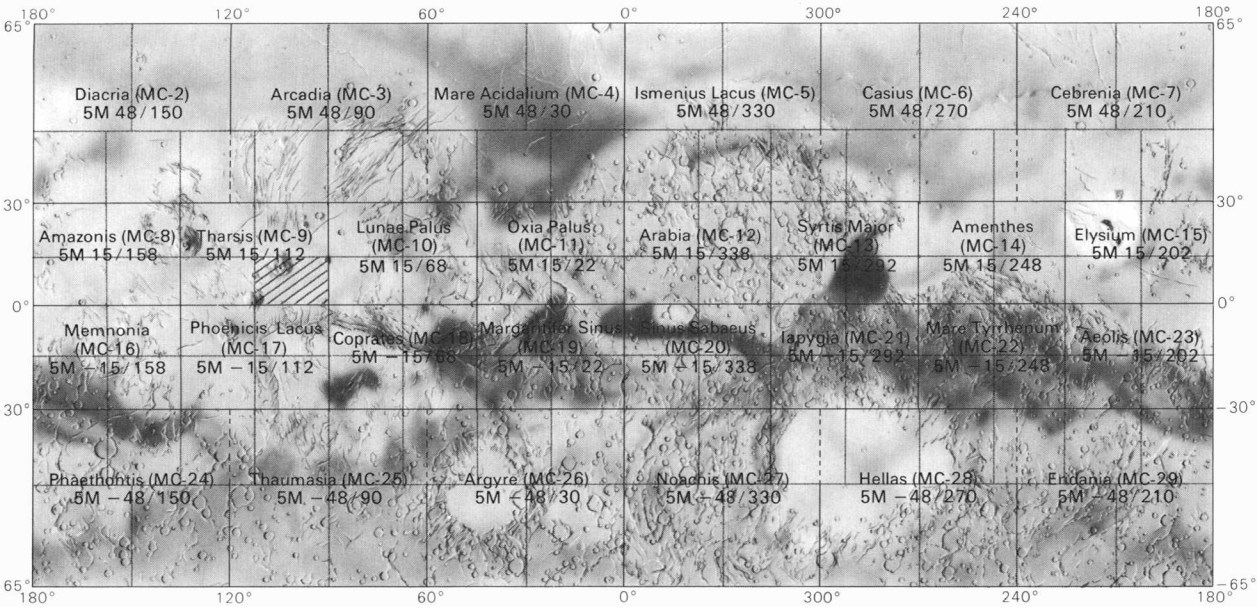
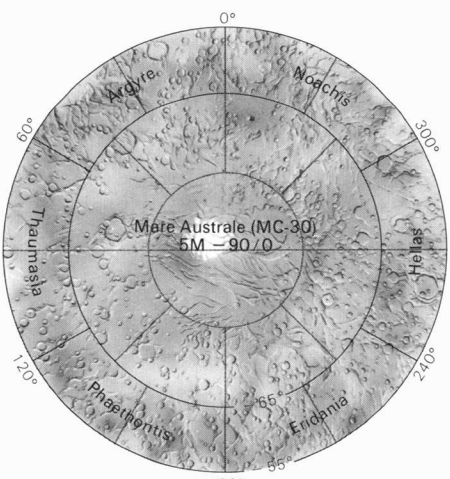
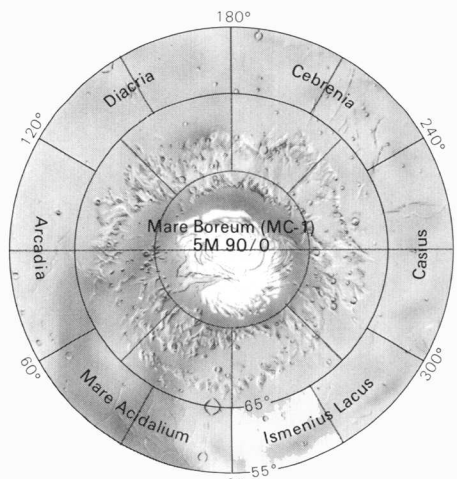


This photomosaic is part of a new series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally enhanced by the Jet Propulsion Laboratory's Mission and Test Imaging System to accentuate high-frequency detail. Image placement was based on the 1978 control net (Davies, M.E., and others, 1978, Control net of Mars, February 1978: The Rand Corp. R02309-NASA). At least 66 percent of the image control points lie within 0.5 mm (1 km) of their published locations.

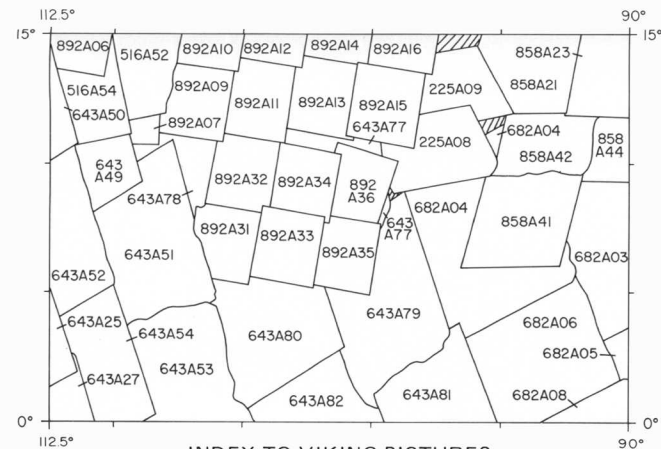
SCALE 1:2 000 000 (1mm=2km) AT 27.476°
MERCATOR PROJECTION



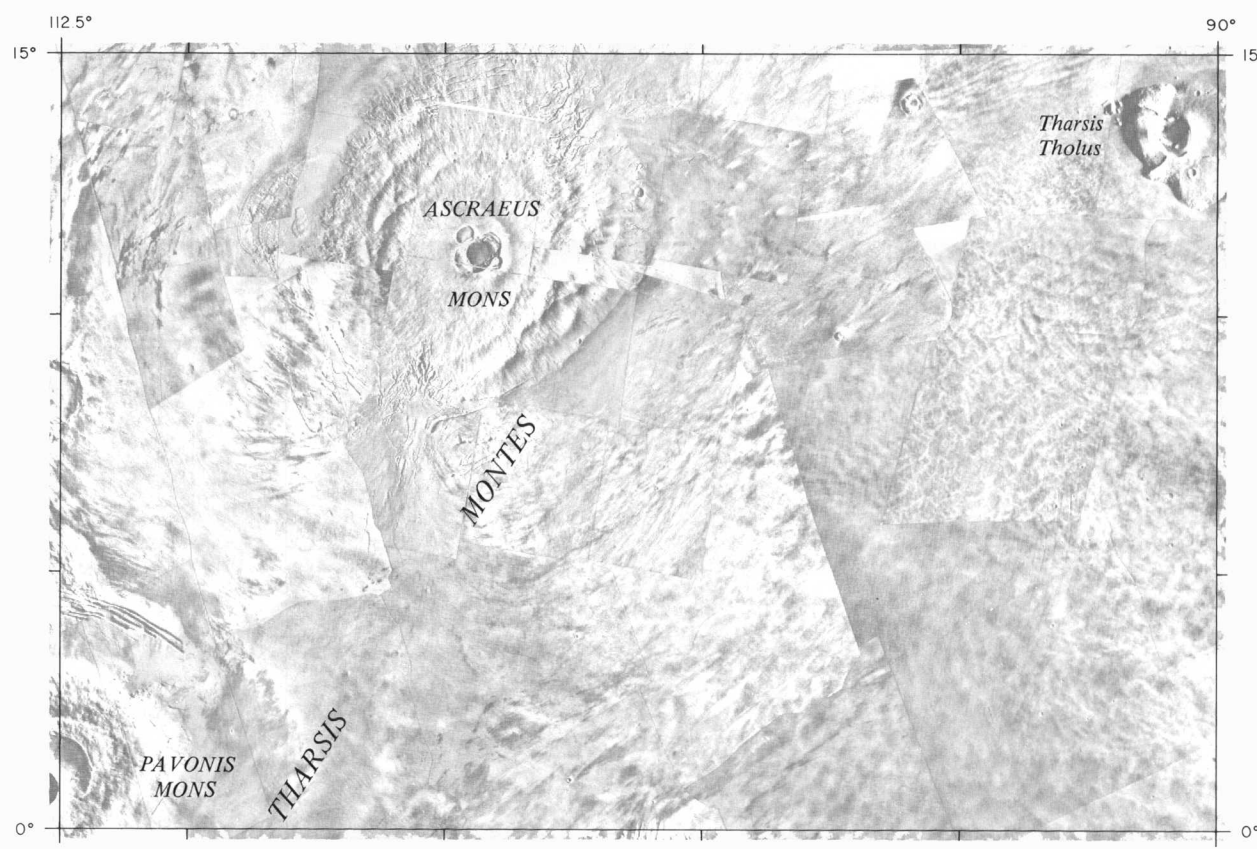
Interior—Geological Survey, Reston, Va.—1980—G80137
Prepared on behalf of the Planetary Geology Program,
Planetary Division, Office of Space Science, National
Aeronautics and Space Administration under contract
W-13,709



- LISTING OF PUBLISHED
1:2 000 000 PHOTOMOSAICS
- | I No. | Quadrangle Name |
|--------|---|
| I-1183 | Coprates Southwest (MC-18 SW) |
| I-1184 | Coprates Southeast (MC-18 SE) |
| I-1185 | Memnonia Northeast (MC-16 NE) |
| I-1186 | Memnonia Northwest (MC-16 NW) |
| I-1187 | Memnonia Southeast (MC-16 SE) |
| I-1188 | Memnonia Southwest (MC-16 SW) |
| I-1189 | Phoenicis Lacus Southwest (MC-17 SW) |
| I-1190 | Phoenicis Lacus Southeast (MC-17 SE) |
| I-1191 | Argyre Northwest (MC-26 NW) |
| I-1192 | Argyre North-Central (MC-26 N-C) |
| I-1193 | Argyre Northeast (MC-26 NE) |
| I-1205 | Phoenicis Lacus Northwest (MC-17 NW) |
| I-1206 | Phoenicis Lacus Northeast (MC-17 NE) |
| I-1207 | Coprates Northwest (MC-18 NW) |
| I-1208 | Coprates Northeast (MC-18 NE) |
| I-1209 | Margaritifer Sinus Southwest (MC-19 SW) |
| I-1210 | Margaritifer Sinus Southeast (MC-19 SE) |
| I-1211 | Sinus Sabaeus Southwest (MC-20 SW) |
| I-1212 | Sinus Sabaeus Southeast (MC-20 SE) |
| I-1213 | Aeolis Northwest (MC-23 NW) |
| I-1214 | Aeolis Southwest (MC-23 SW) |
| I-1215 | Aeolis Southeast (MC-23 SE) |
| I-1258 | Tharsis Northeast (MC-9 NE) |
| I-1259 | Tharsis Northwest (MC-9 NW) |
| I-1260 | Tharsis Southeast (MC-9 SE) |
| I-1261 | Tharsis Southwest (MC-9 SW) |
| I-1262 | Thaumasia Northeast (MC-25 NE) |
| I-1263 | Thaumasia Northwest (MC-25 NW) |



INDEX TO VIKING PICTURES
The mosaic was made with the Viking pictures outlined above. Coverage at comparable resolution was not available in cross-hatched areas. Copies of various enhancements of these pictures are available from National Space Science Data Center, Code 601.4, Goddard Space Flight Center, Greenbelt, MD 20771.



LOCATION OF SELECTED FEATURES
Contrast in the reduced base mosaic was purposely
suppressed to emphasize lettering.

CONTROLLED PHOTOMOSAIC OF THE THARSIS SOUTHEAST QUADRANGLE OF MARS

M 2M 7/101 CM

MC-9 SE

1980

NOTE TO USERS
Users noting errors or omissions are urged to indicate them on the map and to forward it to U. S. Geological Survey, Building 4, Room 64, 2255 North Gemini Drive, Flagstaff, Arizona 86001. A replacement copy will be returned.

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